

ABSTRACT OF THE DISCLOSURE

5 The invention relates to a measuring arrangement
for measuring the density of a product by means of
microwaves. The measuring arrangement comprises a
first microwave resonator, from which, in operation,
microwaves enter a product area, and a device for
10 compensating for environmental influences and
disturbance variables affecting the measuring signal of
the first microwave resonator. According to the
invention, the compensation device comprises a second
microwave resonator, which is shielded towards the
15 product area with respect to microwave radiation.